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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/014,546	12/14/2001	Shoei-Yuan Shih	SHIH3019/EM	3288

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EXAMINER

DUONG, HUNG V

ART UNIT PAPER NUMBER

2835

DATE MAILED: 04/23/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/014,546

Applicant(s)

Shih

Examiner

Hung Duong

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-- Th MAILING DATE of this communication appears n the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE three MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on _____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-11 is/are pending in the application.
- 4a) Of the above, claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1, 2, 10, and 11 is/are rejected.
- 7) ☒ Claim(s) 3-9 is/are objected to.
- 8) ☐ Claims _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
*See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s). _____ 6) ☐ Other: _____

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DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in-

- (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effect under this subsection of a national application published under section 122(b) only if the international application designating the United States was published under Article 21(2)(a) of such treaty in the English language; or
- (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that a patent shall not be deemed filed in the United States for the purposes of this subsection based on the filing of an international application filed under the treaty defined in section 351(a).

2. Claims 1-2, and 10-11 are rejected under 35 U.S.C. 102(e) as being anticipated by Chin (US 2002/0089823).

Regarding claims 1-2, and 10-11 Chin discloses in figure 1, a server contained four juxtapose hard disk drives 2 having four juxtaposed standard 3.5 inches hard disk drives housed in a server which is conformed to 1U 19 inches specifications, comprising: a casing 1 having a main partition 11, a bottom board 5 and three secondary partitions 21 located between the main partition 11 and the bottom board 5 to form four retrieval chambers 12 for housing the four hard disk drives 2, each retrieval chamber 12 containing a retrieval cradle 21 which has a displacement board, an anchor rack 211 located at a front end of the displacement board and a side board

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located on one side of the displacement board, the anchor rack 211 having a handle 23 mounted thereon for retrieving the retrieval cradle 21, the displacement board 11 and the side board having respectively a plurality of fasten apertures 14 formed thereon to fasten the hard disk drives 2 such that the four standard 3.5 inches hard disk drives are allowed to house in the server conformed to 1U 19 inches specifications in a juxtaposed manner and are retrievable through the retrieval cradles 21 wherein the main partition 11 is selectively a dividing partition located in the casing, the displacement board 11 of the retrieval cradle 21 and the anchor rack 211 have respectively a plurality of heat radiating openings the anchor rack of the retrieval cradle and the side board adjacent to the casing have respectively a plurality of conductive strips to connect a server cabinet for preventing static charge (figures 1 & 3).

Allowable Subject Matter

3. Claims 3-9 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.
4. The following is a statement of reasons for the indication of allowable subject matter: the prior art fails to show the secondary partition has a bottom end formed a first anchor section for fastening to the bottom board of the casing, the first anchor section having a first latch slot to engage with a first latch element located on the bottom board or that the secondary partition has

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a top end formed a second anchor section for fastening to the main partition, the second anchor section having a second latch slot to engage with a second latch element located on the main partition or that the bottom board has a stopping ridge corresponding to a rear end of the secondary partition for confining the secondary partition at a selected location or that the anchor rack of the retrieval cradle has a jutting strut pivotally engaged with the handle or that a brake elastic strip located between one side of the anchor rack and a retain section located on a front end of the secondary partition to form a braking relationship therebetween, the brake elastic strip having a jutting section, a depressing section formed at a front free end thereof, a latch bore and an anchor section, the anchor rack having an opening formed on one side thereof to allow the brake elastic strip to pass through, and a latch lug and an anchor bore to engage respectively with the latch bore and the anchor section, the jutting section of the brake elastic strip being engageable with the retain section of the secondary partition.

Conclusion

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Yu et al. (US Pat. 6,239,971) teach cooling rack for notebook computer.

Chou (US Pat. 6,392,884) teaches housing assembly for extractable redundant array of independent disks.

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Huang (US Pat. 6,421,239) teaches integral heat dissipating device.

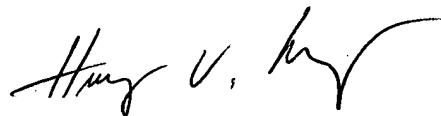
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hung Duong whose telephone number is (703) 308-4889. The examiner can normally be reached on M-F from 8:30 to 5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Darren Schuberg, can be reached on (703) 308-4815. The fax phone number for this Group is (703)308- 7722.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703)308-0956 .

HVD

4/16/03

A handwritten signature in black ink, appearing to read 'Hung V. Duong', with a stylized flourish at the end.

Hung Duong

Patent Examiner.